

Storm Data and Unusual Weather Phenomena - January 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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IOWA, Northeast

(IA-Z008) MITCHELL, (IA-Z009) HOWARD, (IA-Z018) FLOYD

01/01/13 00:00 CST	0	Drought
01/31/13 23:59 CST	0	

Snowfall amounts averaged 2 to 4 inches across northeast Iowa in the counties still affected by the drought. This was not enough precipitation for any changes in the drought conditions and a severe to extreme drought remained in place across Floyd, Howard and Mitchell Counties. The director of the Iowa DNR warned that water usage could be curtailed later in the year if drought conditions worsen.

(IA-Z011) ALLAMAKEE

01/11/13 00:15 CST	20K	Dense Fog
01/11/13 17:30 CST	0	

At least nine people were injured in vehicle accidents across Allamakee County that occurred in dense fog on January 11th. Two people were injured in a two vehicle crash in Waukon when the driver of the first vehicle pulled into the path of the second vehicle, which they did not see because of the dense fog. A glaze of ice was also present on some roads where the fog occurred with temperatures below freezing or where recent snow melt refroze. These icy conditions caused a school bus to slide through an intersection and down an embankment injuring 7 people. One of the students injuries were severe enough to require being transferred to a larger hospital for further treatment. Numerous other minor accidents also occurred across the county. The automated weather reporting equipment at the Decorah airport reported a visibility of a mile or less in fog from around midnight January 11 until late in the afternoon.

(IA-Z011) ALLAMAKEE

01/16/13 06:00 CST	5K	Winter Weather
01/16/13 10:00 CST	0	

One person was killed January 16th after a car skidded off an ice covered county road, hit a rock, rolled and ejected the driver. The accident occurred near Harpers Ferry (Allamakee County) after freezing drizzle earlier in the day had created a glaze of ice on untreated roads.

(IA-Z008) MITCHELL, (IA-Z009) HOWARD, (IA-Z010) WINNESHIEK, (IA-Z011) ALLAMAKEE, (IA-Z018) FLOYD, (IA-Z019) CHICKASAW, (IA-Z029) FAYETTE, (IA-Z030) CLAYTON

01/27/13 07:30 CST	0	Winter Storm
01/27/13 15:00 CST	0	

Ice accumulations up to a quarter of an inch from freezing rain were reported across northeast Iowa from a winter storm that impacted the region on January 27th. The winter storm originated over South Dakota and then moved almost due east into Wisconsin. As it did, it pulled a warm front north through the region. The warm air that came north with the warm front was responsible for the freezing rain. In addition to the freezing rain, sleet occurred closer to the Minnesota border. The freezing rain and sleet produced a coating of ice on most exposed surfaces, which created very slick roads with several accidents occurring. The highest reported ice accumulation was three tenths of an inch in West Union (Fayette County) and Decorah (Winneshiek County). The icy conditions led the Allamakee County Sheriff's Department to recommend no travel in the county.

(IA-Z010) WINNESHIEK, (IA-Z011) ALLAMAKEE, (IA-Z018) FLOYD, (IA-Z019) CHICKASAW, (IA-Z029) FAYETTE, (IA-Z030) CLAYTON

01/30/13 00:00 CST	0	Winter Storm
01/30/13 16:15 CST	0	

Snowfall amounts of 4 to 10 inches covered portions of northeast Iowa from a winter storm that moved through the region on January 30th. The storm originated over the southern Plains states and moved northeast through the Mississippi River Valley producing a blanket of heavy snow from central and eastern Iowa into Wisconsin. In addition to the snow, the storm produced northwest winds of 25 to 35 mph that created blowing and drifting snow that at times, lowered the visibility to a quarter mile. The timing of the storm, had a direct impact on the morning commute of the 30th. The highest reported snowfall amount was 10 inches near Oelwein (Fayette County).

MINNESOTA, Southeast

(MN-Z079) WABASHA, (MN-Z086) DODGE, (MN-Z087) OLMSTED, (MN-Z088) WINONA, (MN-Z094) MOWER, (MN-Z095) FILLMORE

01/01/13 00:00 CST	0	Drought
01/31/13 23:59 CST	0	

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Snowfall amounts averaged 1 to 4 inches across southeast Minnesota in the counties still affected by the drought. This was not enough precipitation for any changes in the drought conditions and a severe to extreme drought remained across Dodge, Fillmore, Mower, Olmsted, Wabasha and Winona Counties. Reports out of southern Minnesota indicate lake levels are 12 to 18 inches lower than normal.

(MN-Z079) WABASHA, (MN-Z086) DODGE, (MN-Z087) OLMSTED, (MN-Z088) WINONA, (MN-Z094) MOWER, (MN-Z095) FILLMORE, (MN-Z096) HOUSTON

01/27/13 08:30 CST	20K	Winter Storm
01/27/13 16:35 CST	0	

Ice accumulations up to a quarter of an inch from freezing rain were reported across southeast Minnesota from a winter storm that impacted the region on January 27th. The winter storm originated over South Dakota and then moved almost due east into Wisconsin. As it did, it pulled a warm front north through the region. The warm air that came north with the warm front was responsible for the freezing rain. In addition to the freezing rain, sleet and some snow also fell. The freezing rain and sleet produced a coating of ice on most exposed surfaces leading to very slick roads with several accidents occurring. The highest reported ice accumulation was a quarter of an inch in Harmony (Fillmore County). The Minnesota State Patrol reported hundreds of accidents and spinouts across the southern part of the state. Ice buildup from the storm downed some power lines in Austin (Mower County) and brought down tree limbs in other parts of Mower County. Power outages also occurred in Rochester (Olmsted County) and more than 8 flights were canceled or delayed at the Rochester International airport. Nearly all schools across southeast Minnesota were either closed or delayed after the storm on Monday the 28th. Some roads remained ice covered into Tuesday the 29th when at least 3 school buses slid off the road but no injuries resulted.

WISCONSIN, Southwest

(WI-Z017) TAYLOR, (WI-Z032) BUFFALO, (WI-Z033) TREMPLEAU, (WI-Z061) GRANT

01/01/13 00:00 CST	0	Drought
01/31/13 23:59 CST	0	

Snowfall amounts averaged 3 to 10 inches across western Wisconsin in the counties still affected by the drought. This was not enough precipitation for any change in the drought conditions and a severe drought remained across Buffalo, Grant, Taylor, and Trempealeau Counties.

(WI-Z053) VERNON

01/11/13 00:30 CST	15K	Dense Fog
01/11/13 19:15 CST	0	

Four people were injured in a two vehicle accident near Viroqua (Vernon County) that occurred in dense fog on January 11th. A school bus was struck near the rear wheels when the driver of the second vehicle did not see that the bus was turning. The automated weather observing equipment at the Viroqua airport reported dense fog with a visibility of a mile or less from around midnight January 11th into the early evening hours.

(WI-Z032) BUFFALO, (WI-Z033) TREMPLEAU, (WI-Z041) LA CROSSE, (WI-Z042) MONROE, (WI-Z053) VERNON, (WI-Z054) CRAWFORD, (WI-Z055) RICHLAND, (WI-Z061) GRANT

01/27/13 09:00 CST	0	Winter Storm
01/27/13 17:00 CST	0	

Ice accumulations up to two tenths of an inch from freezing rain were reported across western Wisconsin from a winter storm that impacted the region on January 27th. The winter storm originated over South Dakota and then moved almost due east into Wisconsin. As it did, it pulled a warm front north through the region. The warm air that came north with the warm front was responsible for the freezing rain. The warm air moved as far north as about Interstate 90, which is where sleet began mixing in with the freezing rain. Farther to the north, all the precipitation fell as snow. The freezing rain and sleet produced a coating of ice on most exposed surfaces leading to very slick roads with several accidents occurring. The highest reported ice accumulation was two tenths of an inch in Prairie du Chien (Crawford County).

GRANT COUNTY --- 2.2 NE ROCKVILLE [42.74, -90.64], 2.5 E ROCKVILLE [42.73, -90.63], 2.3 E ROCKVILLE [42.72, -90.63], 2.1 NE ROCKVILLE [42.74, -90.65]

01/29/13 04:00 CST	0	Flood (due to Heavy Rain / Snow Melt)
01/29/13 12:15 CST	0	Source: River/Stream Gage

Runoff from snow melt and heavy rains pushed the Platte River out of its banks near Rockville. The river crested almost a foot and a half above the flood stage at 10.37 feet.

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GRANT COUNTY --- 0.1 ENE BURTON [42.72, -90.82], 0.3 ENE BURTON [42.72, -90.81], 0.4 ENE BURTON [42.72, -90.81], 0.2 NE BURTON [42.72, -90.82], 0.1 NNE BURTON [42.72, -90.82], 0.5 SW BURTON [42.72, -90.83], 0.5 SSW BURTON [42.71, -90.83]	01/29/13 06:05 CST		0	Flood (due to Heavy Rain / Snow Melt)
	01/29/13 16:00 CST		0	Source: River/Stream Gage
Runoff from snow melt and heavy rains pushed the Grant River out of its banks near Burton. The river crested almost two and a half feet above the flood stage at 20.45 feet.				
Temperatures well above freezing for two days combined with 1.5 to 2.5 inches of rain produced some minor river flooding along the Platte and Grant Rivers in Grant County. The flooding closed a few township roads January 29th.				
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(WI-Z041) LA CROSSE, (WI-Z042) MONROE, (WI-Z043) JUNEAU, (WI-Z044) ADAMS, (WI-Z053) VERNON, (WI-Z054) CRAWFORD, (WI-Z055) RICHLAND, (WI-Z061) GRANT	01/30/13 00:00 CST		10K	Winter Storm
	01/30/13 18:15 CST		0	

Snowfall amounts of 5 to 12 inches covered portions of western Wisconsin from a winter storm that moved through the region on January 30th. The storm originated over the southern Plains states and moved northeast through the Mississippi River Valley producing a blanket of heavy snow from central and eastern Iowa into Wisconsin. In addition to the snow, the storm produced northwest winds of 25 to 35 mph that created blowing and drifting snow that at times, lowered the visibility to a quarter mile. The timing of the storm, had a direct impact on the morning commute of the 30th. The highest reported snowfall amount was 11.5 inches in Richland Center (Richland County).